

APPARATUS AND METHOD FOR DEMULTIPLEXING A POLARIZATION- MULTIPLEXED SIGNAL

Abstract of the Disclosure

5 An apparatus and method for demultiplexing a time and polarization multiplexed
signal are described. The multiplexed signal is a combination of component signals, each
of which is characterized by a polarization. The demultiplexer of the system includes an
input interface over which the signal is received. A polarization demultiplexer receives
the multiplexed signal and polarization demultiplexes the signal. Next, a time-
10 demultiplexing stage time-demultiplexes the polarization-demultiplexed signal to recover
the original component signals. A clock recovery circuit recovers the clock from the
polarization-demultiplexed signal before time demultiplexing.

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